

LEGEND

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THE TIME.

LOW WATER DATUM

ELEVATIONS AND PROJECT DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM, (1985) CORRESPONDING TO THE SLOPING SURFACE OF THE RIVER WHEN LAKE HURON IS AT ELEVATION 577.5. LAKE ST. CLAIR IS AT ELEVATION 572.3 FT AND LAKE ERIE IS AT ELEVATION 566.3 FEET MEAN WATER LEVEL AT NIAGARA, QUEBEC.

GRID COORDINATES

GRIDS SHOWN ARE BASED ON NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, SOUTH ZONE (2111), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM.

DIRECTIONS

ALL DIRECTIONS ARE GRID AZIMUTHS REFERRED TO NORTH ZERO.

PROJECT DEPTHS ARE AS SHOWN ON DRAWING.

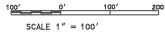
THE AUTOMATED ELECTRONIC SURVEY WAS CONDUCTED BY FREDERICK J. W. DOUGLAS, PARTY CHIEF, AROUND THE USACE SURVEY VESSEL, WHEELER.

AUTOMATED EQUIPMENT USED

POSITIONING: TDS PDS-MV
DATA PROCESSOR: DELL 390 PC
SOFTWARE: HYPACK
PLOTTER: CABNET
SONIC SOUNDING: RESON SEABAT 8125

NOTES

1. GAGES USED WERE OBTAINED FROM NOAA ELECTRONIC GAGE AT ALGONAC, MICHIGAN.
2. POSITIONS WERE DETERMINED BY GPS REFERENCE BEACON 854, LOCATED AT FORT WAYNE, DETROIT, MICHIGAN - FREQUENCY 319 KHZ 200 WPS.
3. DEPTH MEASURED USING SEABAT 8125 ULTRA-HIGH RESOLUTION FOCUSED MULTIBEAM ECHOSOUNDER SYSTEM.



NO.		DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN				
DESIGNED BY:	DETROIT AREA OFFICE		6 OCT 2005	
DRAWN BY:	ST. CLAIR RIVER CHANNEL CS 805+00 TO CS 840+00 MULTI-BEAM SWEEP SURVEY RESULTS MINIMUM STRIKE PLOT			
CHECKED BY:				
REVIEWED BY:				
SUBMITTED BY:	P.E.	APPROVAL RECOMMENDED	P.E.	DATE
CHIEF, PMO OPS SEC		CHIEF, OPS BRANCH		
APPROVED:	SCALE AS SHOWN			
CHIEF, CONSTRUCTION - OPERATIONS DIVISION		16	54	DRAWING NUMBER
		SHEET 1 OF 1		801581003-001